

# HITSP TN 904 Harmonization Framework and Exchange Architecture Technical Note V1.0 (Data Agreement)

## Identifying and Definitional Attributes

Item Name:	<b>HITSP TN 904 Harmonization Framework and Exchange Architecture Technical Note V1.0</b>
Abbreviation:	
Alternative Name:	
Definition:	<p>This Technical Note describes the Harmonization Framework as amended by the Healthcare Information Technology Standards Panel (HITSP) on June 30, 2009. This amended Framework is intended to address issues in the construction and use of the HITSP artifacts.</p> <p>The Harmonization Framework and Exchange Architecture Technical Note (TN) defines the terms, concepts, relationships, and associations that are realized in the artifacts that comprise the primary work product of the Panel, e.g., an Interoperability Specification (IS), Capability (CAP), Component (C), Transaction (T), Transaction Package (TP) and Service Collaboration (SC). Further, it organizes the terms and concepts into a HITSP model based on information exchanges specific to data, context, business process, and workflow.</p> <p>The IS development process is accomplished by conducting a requirements analysis of the target functional needs or capabilities in term of data flows and process work flows performed by systems, which support stakeholders. This results in identifying Information Exchange Requirements (IERs) including Data Requirements (DRs) needed to meet stakeholder needs and enable interoperability. These Information Exchange Requirements are then specified by selecting the Capabilities or supporting Service Collaborations, Transaction Packages, Transactions, and Components. The Harmonization Framework describes a classification of standards, regulatory guidance, selected standards and informative references. These concepts and others form the HITSP Harmonization Framework which is described in this document.</p> <p>The Exchange Architecture part of this Technical Note defines the fundamental topologies that can be used in implementing the HITSP Interoperability Specifications in configurations such as Electronic Health Record (EHR) systems directly connected to each other or connected to Health Information Exchanges (HIEs), which may be connected to the NHIE.</p> <p>HITSP documents are targeted to HITSP members, stakeholders and users, which include executives, managers, analysts and implementers. To support this wide audience, this document and other HITSP documents address requirements and design separately, with a drill down from concept to technical details, and specialized material contained in separate sections. For each reader of this document, there is a suggested reviewing road map as follows:</p> <p>1.Executives, Functional Analysts and Implementers, who want a general understanding of the framework may want to review:</p> <p>&amp;#8722; Section 1.0 through Section 3.0 which presents a high level overview of the framework</p> <p>2 . Implementers and other readers who want a detailed understanding and examples of the framework may want to review:</p> <p>&amp;#8722; Section 4.0 HITSP Harmonization Framework Technical View, which provides detailed information about technical aspects of the framework<sup>1</sup></p> <p>&amp;#8722; Section 5.0 presents examples of the HITSP Exchange Architecture, providing concrete examples of applying the framework</p> <p>&amp;#8722; Section 6.0 and 7.0 explain Standards Types and Categories that define reference types for HITSP Constructs and Usage Declarations for terms used in this TN. These sections are for the reader who wants to gain a deeper technical understanding of this TN</p> <p>1 A separate spread sheet and/or database, is available at <a href="http://hitsp.org">hitsp.org</a>, contains the value sets of the HITSP Exchange Architecture set of Exchange Actions, Exchange Contents, Systems, and their mapping to the 13 legacy Interoperability Specification (IS) Information Exchange Requirements (IERs).</p>
Context:	Technical Note
Registration Authority:	Health Information Technology Standards Panel

USHIK Data Element Concept ID:	HITSP.85379.v1
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Effective Date:	2009-08-07
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Administrative Note:	For additional information please visit : <a href="http://www.hitsp.org/">http://www.hitsp.org/</a>

## Administrative Attributes

Date of Submission:	2009-10-27
Submitting Organization:	Health Information Technology Standards Panel (HITSP)
Responsible Organization:	Health Information Technology Standards Panel (HITSP)

## Contexts related to HITSP TN 904 Harmonization Framework and Exchange Architecture Technical Note V1.0 (1)

Relationship	Item	USHIK ID
is referenced by	Technical Note	HITSP.84441.v1